

Frederick P. Fish 1855-1930

W.K. Richardson 1859-1951

## FISH & RICHARDSON P.C.

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August 21, 2003

Telephone 858 678-5070

Attorney Docket No.: MP0284

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**Mail Stop Patent Application** 

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Web Site www.fr.com

Presented for filing is a new patent application claiming priority from a provisional patent application of:

BOSTON

DALLAS

DELAWARE

NEW YORK

SAN DIEGO

SILICON VALLEY

TWIN CITIES

WASHINGTON, DC

Applicant: HUI-LING LOU AND KOK-WUI CHEONG

Title: LOW COMPLEXITY CHANNEL ESTIMATION FOR

ORTHOGONAL FREQUENCY DIVISION MODULATION

**SYSTEMS** 

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	22
Claims	22
Abstract	1
Declaration	3
Drawing(s)	6

## **Enclosures:**

- Assignment cover sheet and an assignment, 2 pages, and a separate \$40 fee.
- Assignment cover sheet and an assignment, 4 pages, and a separate \$40 fee.
- New disclosure information, including:
  Information disclosure statement, 2 pages.
  PTO-1449, 1 pages.
  References, 11 items.
- Postcard.
- Request for Non-Publication.

CERTIFICATE OF MAI	EING DT EXTRESS WAIL	
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Date of Deposit

## FISH & RICHARDSON P.C.

Commissioner for Patents August 21, 2003 Page 2

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/446,795, filed February 12, 2003.

Basic filing fee	\$750
Total claims in excess of 20 times \$18	\$1530
Independent claims in excess of 3 times \$84	\$84
Fee for multiple dependent claims	\$0
Total filing fee:	\$2364

A submission of Credit Card Payment for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number 13361-048001.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 678-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

23624

PTO Customer Number

Respectfully submitted,

Kenyon S. Jenckes Reg. No. 41,873

Enclosures KSJ/rpi

10324283.doc

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## REQUEST AND CERTIFICATION **UNDER** 35 U.S.C. 122(b)(2)(B)(i)

	First N	lamed Inventor	Hui-Ling Lou et al.	
	Title	Low Complex Orthogonal Fr Systems	ity Channel Estimation For equency Division Modulation	
Atty Docket Number		ocket Number	MP0284	

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

08/21/03

Date

Kenyon S. Jenckes

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).